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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-967, 9 JUL 67.

((NOTE: TEXT THAT FOLLOWS IDENTICAL WITH THAT OF PRELIMINARY ANALYSIS OF GLASS LAMP MISSION G-967))

S E C R E T

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-967, 9 JUL 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

TAKE OUT

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C @CLEAR¤, SC @SCATTERED CLOUD COVER¤, HC @HEAVY CLOUD COVER¤, H @HAZE¤, CS @CLOUD SHADOW¤, SD @SEMIDARKNESS¤, GC @GROUND COVER¤, CF @CAMOUFLAGE¤, O @OBLIQUITY¤, AND GR @GROUND RESOLUTION¤.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD¤, F @FAIR¤, OR P @POOR¤. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL¤ OR PT @PARTIAL¤. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO¤, NS @NONSTEREO¤, OR PS @PARTIAL STEREO¤.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT @21-75 MM¤, MEDIUM @76-100 MM¤, HEAVY @OVER 100 MM¤, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4¤. IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED¤.

MISSILES

HOLGUIN SAM SITE 827-2 CU 2052N 07627W
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES¤, 5 MISSILE TRANSPORTERS, A GUIDANCE AREA WITH RADAR AND 6 ASSOCIATED VAN TRAILERS, AND 8 CARGO TRUCKS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.
[redacted] 25X1

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W
SITE REMAINS VACATED.
[redacted] 25X1

SANTA CLARA SAM SITE A34-2 CU 2229N 08000W
SITE REMAINS OCCUPIED.
[redacted] 25X1

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W
OB -- 4 EMPLACED LAUNCHERS, 8 MISSILE TRANSPORTERS, 9 TRACKED PRIME MOVERS, 4 VAN TRUCKS, 3 VAN TRAILERS, 1 TRUCK-MOUNTED CRANE, 4 CARGO TRUCKS, AND 2 OTHER VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.
[redacted] 25X1

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553W
OB -- 4 MISSILE TRANSPORTERS @3 CANVAS-COVERED¤, 3 OTHER VEHICLES, AND NUMEROUS MISSILE CANISTERS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.
[redacted] 25X1

SANTIAGO DE CUBA SAM SITE 2 CU 1958N 07549W
7 CONSTRUCTION CONTINUES ON SITE. FIVE BUILDINGS IN VARIOUS STAGES OF CONSTRUCTION ARE ADJACENT TO SITE.
[redacted] 25X1

SANTIAGO SAM TRAINING AREA CU 1958N 07551W
5 OB -- 1 MISSILE TRANSPORTER, 16 VAN TRUCKS, 13 CARGO TRUCKS, 5 VAN TRAILERS, 3 CARGO TRAILERS, 3 PROBABLE
4 VAN TRAILERS, AND 3 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.
[redacted] 25X1

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W
2 SITE APPEAR OCCUPIED.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.
[redacted] 25X1

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[redacted] 25X1

AIR FACILITIES

CAMAGUEY IN[redacted]RNATIONAL AIRFIELD CU 2[redacted]N 07750W
OB -- 3 CRATE, 1 COLT, 1 SMALL LIAISON, AND 11 HOUND.

[redacted] 25X1

HOLGUIN AIRFIELD CU 2047N 07618W
OB -- 4 FISHBED, AT LEAST 14 FAGOT/FRESCO, 1 PROBABLE COKE, AND 1 HOUND.

[redacted] 25X1

LOS CANOS AIRFIELD CU 2005N 07509W
OB -- 1 LIAISON.

[redacted] 25X1

ANTONIO MACEO AIRFIELD CU 1958N 07550W
OB -- 1 C-47, 2 MORAVA L-200, AND 1 HOUND.

[redacted] 25X1

BAYAMO AIRFIELD EAST CU 2022N 07637W
OB -- 3 COLT AND 4 HOUND.

[redacted] 25X1

BAYAMO AIRFIELD CU 2023N 07637W
OB -- NONE OBSERVED.
CONSTRUCTION ON RUNWAY CONTINUES. TWO BUILDINGS ARE UNDER CONSTRUCTION NEXT TO PARKING APRON AND 4 POSSIBLE AIRCRAFT REVETMENTS ARE BEING CONSTRUCTED.

[redacted] 25X1

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W
VESSELS -- 1 COASTAL FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

[redacted] 25X1

MANZANILLO PORT CU 2021N 07707W
VESSELS -- 1 LARGE FREIGHTER.

[redacted] 25X1

NUEVITAS PORT CU 2132N 07715W
VESSELS -- 4 LARGE FREIGHTERS AND 1 COASTAL FREIGHTER.

[redacted] 25X1

LA ISABELA PORT CU 2256N 08000W
VESSELS -- 4 FREIGHTERS.

[redacted] 25X1

CAIBARIEN PORT CU 2231N 07928W
VESSELS -- NONE OBSERVED.

[redacted] 25X1

ELECTRONICS/COMMUNICATIONS

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W
OB -- NONE OBSERVED.
ACTIVITY -- 29 CARGO TRUCKS, 11 PROBABLE TRACKED PRIME MOVERS, 2 PROBABLE TRUCK TRACTORS, 2 OTHER VEHICLES, [7] AND 1 OCCUPIED 6-GUN AAA SITE.
FACILITIES INCLUDE 12 LARGE AND 1 MEDIUM [6] NON-SOVIET-TYPE TENT AND 1 ARCHED-ROOF BUILDING UNDER CONSTRUCTION.

[redacted] 25X1

SANTIAGO DE CUBA EW/GCI RADAR SITE 2 CU 2005N 07551W
[4] OB -- 1 TOKEN-TYPE RADAR.

[redacted] 25X1

LA SOLAPA LOW SIEVE RADAR SITE CU 1958N 07552W
OB -- 1 LOW SIEVE RADAR.

[redacted] 25X1

MILITARY ACTIVITY

ALTO [redacted]EDRO MILITARY CAMP CU 2029N 07600W

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OB -- 23 TANKS/SP GUNS, 34 FA PIECES, 12 PROBABLE FA PIECES, 15 PROBABLE BTR 60-P, 139 CARGO TRUCKS, AND 16 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

DOS CAMINOS MILITARY CAMP CU 2014N 07547W
OB -- 10 CARGO TRUCKS AND AT LEAST 42 VEHICLES/PIECES OF EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

GUANTANAMO AREA CU 2018N 07525W
NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
AREA 1 -- 20 PERCENT USEABLE COVERAGE.
AREAS 2 AND 6 -- 40 PERCENT USEABLE COVERAGE.
AREAS 3 AND 9 -- 60 PERCENT USEABLE COVERAGE.

[redacted] 25X1

HOLGUIN MILITARY CAMP CU 2053N 07613W
OB @MAIN CAMP@ -- AT LEAST 14 FA PIECES, 12 CARGO TRUCKS, AND 35 OTHER VEHICLES.
OB @CAMP 2.2 NM SE@ -- 25 PROBABLE CARGO TRUCKS AND 4 PROBABLE FA PIECES.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

HOLGUIN MILITARY CAMP NW CU 2057N 07616W
OB -- 3 PROBABLE TANKS/SP GUNS, 5 POSSIBLE AAA PIECES, 22 CARGO TRUCKS, AND 4 UNIDENTIFIED VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

REMEDIOS MILITARY AREA CU 2227N 07935W
OB -- 7 PROBABLE TANKS/SP GUNS, AT LEAST 50 CARGO TRUCKS, AND AT LEAST 75 OTHER VEHICLES/PIECES OF EQUIPMENT.
SCATTERED CLOUDS AND CLOUD SHADOW LIMIT INTERPRETATION.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

CUABITAS MILITARY CAMP CU 2003N 07548W
OB -- 16 CANVAS-COVERED PROBABLE TANKS/SP GUNS AND 1 CARGO TRUCK OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

LA QUINTA MILITARY CAMP CU 2002N 07551W
OB -- 6 CARGO TRUCKS AND 6 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

MINAS MILITARY CAMP CU 2127N 07734W
OB -- 19 TANKS/SP GUNS, 2 VAN TRUCKS, 22 CARGO TRUCKS, 3 VAN TRAILERS, 2 CANVAS-COVERED UNIDENTIFIED VEHICLES, AND 3 UNIDENTIFIED PIECES OF EQUIPMENT.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

OFELIA MILITARY CAMP CU 2006N 07530W
OB -- 11 TANKS/SP GUNS AND 40 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

PUERTO PADRE MILITARY AREA CU 2111N 07639W
OB -- 1 VEH E/PIECE OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

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[redacted] 25X1

SANTIAGO DE CUBA MILITARY CAMP CU 2003N 07553W
OB -- AT LE T 26 FA PIECES AND 10 CAR(TRUCKS
OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 2001N 07547W
OB -- 5 FA PIECES AND 9 UNIDENTIFIED PIECES OF
EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

PURIAL DE JIBACOA MILITARY CAMP CU 2007N 07700W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

JESUS MARIA PROBABLE MILITARY BARRACKS CU 2056N 07615W
OB -- 1 CARGO TRUCK.
ACTIVITY -- 1 EARTH GRADER.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

MAR VERDE LANDING BEACH CU 1957N 07556W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

MOA @CANANOVA@ LANDING BEACH CU 2039N 07502W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE	2101N 07535W
HOLGUIN AIRFIELD RADAR SITE SW	2045N 07621W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
NICARO LANDING BEACH	2042N 07533W
MOA @PUNTA GORDA@ LANDING BEACH	2039N 07453W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

LA VEGUITA SAM ASSEMBLY AREA	2049N 07615W
CAMILO CIENFUEGOS AIRFIELD	2229N 07956W
HOLGUIN EW/GCI RADAR SITE	2048N 07618W
SAN MIGUEL EW/GCI RADAR SITE	2229N 07953W
EL CRISTO MILITARY INSTALLATION	2010N 07547W
SANTA CLARA ARTILLERY TRAINING AREA	2222N 08000W
LAS MERCEDES VEHICLE PARK	2224N 08001W

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